

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1412	(controll\$4 or monitor\$4) with (vibration or vibrating or vibrate) with (compensat\$4 or correct\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:38
L2	65	L1 and ("83"/\$.ccls. or "310"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:39
L3	25	(controll\$4 or monitor\$4) with (vibration or vibrating or vibrate) with (compensat\$4 or correct\$4) with (tune or tuning or tuned or resonate or resonating or resonated)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:41
L4	0	(controll\$4 or monitor\$4) with (vibration or vibrating or vibrate or vibrated) with (compensat\$4 or correct\$4) with (tune or tuning or tuned) with (resonate or resonating or resonated)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:41
L5	0	(controll\$4 or monitor\$4) with (vibration or vibrating or vibrate or vibrated or dampen\$4) with (compensat\$4 or correct\$4) with (tune or tuning or tuned) with (resonate or resonating or resonated)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:42
L6	268	(vibration or vibrating or vibrate or vibrated or dampen\$4) with (tune or tuning or tuned) with (resonate or resonating or resonated)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:42
L7	1	(vibration or vibrating or vibrate or vibrated or dampen\$4) with (tune or tuning or tuned) with (resonate or resonating or resonated) with (controll\$4 or monitor\$4 or correct\$4 or compensat\$4) with automatic\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:44
L8	421	(vibration or vibrating or vibrate or vibrated or dampen\$4) with (tune or tuning or tuned) with (resonate or resonating or resonated or automatic\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:48
L9	1	L8 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:37
L10	49	L8 and "310"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:57

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L11	482	(310/80).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/15 16:49
L12	282	(310/20).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/15 16:49
L13	268	(L11 or L12) and (controll\$4 or monitor\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:49
L14	0	L8 and (L11 or L12)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:57
L15	28	((("2814356") or ("3223865") or ("3328615") or ("3349305") or ("3355645") or ("3411368") or ("2700251") or ("2344928") or ("3151514") or ("5012584") or ("5868055") or ("0349969") or ("2822971") or ("2452211") or ("2603289"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/15 17:06
L16	7	L15 and (controll\$4 or monitor\$4 or tun\$4 or resonat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:07
L17	1	"631035".apn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:37
L18	1	L17 and controller	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:37
L19	1	L17 and controller and monitor\$4 and tuning	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:41
L20	1	L17 and controller and monitor\$4 and (tuning or tune or tuned)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 17:41
S1	96406	"83"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 16:37
S2	261664	magnet	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:27
S3	69235	resonat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:28
S4	1310	S1 and S2	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:28

## EAST Search History

S5	5	S1 and S2 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:28
S6	0	("2004/0099107").URPN.	USPAT	OR	ON	2005/06/07 16:29
S7	20	("2697281"   "3122953"   "3753384"   "4319400"   "4426783"   "4451985"   "4601111"   "5005297"   "5012584"   "5174039"   "5512808"   "5820006"   "5848477"   "6032558"   "6256898").PN. OR ("6536121"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:32
S8	17	S7 and magnet\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:32
S9	0	S8 and resonat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:32
S10	351	(83/575).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/07 16:38
S11	33	S10 and vibrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 17:01
S12	8	S10 and (pickup or (pick adj up))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:40
S13	3	S10 and resonat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/07 16:39
S14	176	(vibrat\$4 near blade) same \$5magnet\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 15:11
S15	8	S14 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 14:46
S16	79	S14 and cut\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 14:46
S17	582	(83/575-577).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/08 16:27
S18	11	S17 and (vibrat\$4 near (knife or blade or cutter))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:43

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S19	205	(vibrat\$4 near (blade or knife or cutter)) same \$5magnet\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 15:11
S20	23	("1929007"   "2603289"   "3375380"   "3491279"   "3756105"   "3841185"   "3954037"   "4637567"   "4671149"   "4732068"   "4831290"   "5003856"   "5063803"   "5163865"   "5195410"   "5768970"   "5862728"   "5986381").PN. OR ("6196095").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 15:12
S21	8	S20 and \$5magnet\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 15:12
S22	442	(83/575-576).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/08 16:46
S23	72	(83/575-576).CCLS.	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 16:30
S24	9	S22 and (pickup or (pick adj up))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:31
S25	9	S22 and (oscillat\$4 near (knife or blade or cutter))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 16:43
S26	108	S22 and \$5magnet\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/09 15:00
S27	36	(83/936).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 14:52
S28	4	S27 and \$5magnet\$5	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/08 17:28
S29	4	((("3151514") or ("2344928")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/09 09:26
S30	4	("3151514").URPN.	USPAT	OR	ON	2005/06/09 09:26
S31	0	("2344928").URPN.	USPAT	OR	ON	2005/06/09 09:30
S32	442	(83/575-576).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/09 15:03

## EAST Search History

S33	124	S32 and \$7magnet\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/09 15:01
S34	38	S32 and vibrat\$6	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/09 15:03
S35	582	(83/575-577).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/09 15:03
S36	52	S35 and vibrat\$6	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/09 15:03
S37	14	S36 not S34	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/09 15:06
S38	6097	magnet near (rotate or rotation)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 10:34
S39	30510	magnet near9 (rotate or rotation)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 10:17
S40	1679	S38 same motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 10:43
S42	1679	S40 same motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:14
S43	74	S42 same vibrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:15
S45	0	("3274409").URPN.	USPAT	OR	ON	2005/06/10 11:07
S46	2	("3274409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 11:07
S47	0	("3274409").URPN.	USPAT	OR	ON	2005/06/10 11:08
S48	10778	S39 same motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:14
S49	554	S48 same vibrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:33
S50	331	S49 same shaft	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:22

## EAST Search History

S51	2	("2753471").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 11:20
S52	2	("2282582").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 11:20
S53	166	S50 and (blade or cut\$4 or knife)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:26
S54	280	S50 not S43	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:26
S55	328	S49 same (drive or driving or actuat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:53
S56	5356	magnetic adj (pickup or (pick adj up))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:53
S57	167	S56 near9 (rotate or roatation)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:54
S58	48	S57 same motor	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:54
S59	14	S58 same (vibrat\$5 or oscillat\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 11:54
S60	451	(310/80).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 14:46
S61	272	(310/20).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 12:39
S62	342	(S60 or S61) and \$7magnet\$5	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 12:38
S63	136	S62 and (vibrat\$4 or oscillat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 12:36
S64	3	(S60 or S61) and (\$7magnet\$5 adj (pickup or (pick adj up)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 12:39
S65	325	blade with vibrat\$4 with advantage	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 14:46

## EAST Search History

S66	28	S65 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 14:48
S67	653	vibrating near blade	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 15:31
S68	44	S67 and "83"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 14:49
S69	36	(83/936).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/10 14:52
S70	5	S69 and vibrat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 14:52
S71	521	vibrating adj blade	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 15:29
S72	10	S67 and (cut with (fabric or leather))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 15:29
S73	5	S67 with advantage	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/10 15:31